

**From:** [Crossland, Ronnie](#)  
**To:** [Webster, Susan](#); [Smith, Monica](#); [Petersen, Chris](#)  
**Subject:** FW: Trafalgar Road Fire (aka Stump Dump Fire)  
**Date:** Monday, December 10, 2018 4:14:52 PM

---

Let's assume that this is what David wants up dated.

Thanks  
Ronnie

---

**From:** Gray, David  
**Sent:** Friday, December 07, 2018 11:34 AM  
**To:** Smith, Monica <[smith.monica@epa.gov](mailto:smith.monica@epa.gov)>; Edlund, Carl <[edlund.carl@epa.gov](mailto:edlund.carl@epa.gov)>; Rauscher, Jon <[Rauscher.Jon@epa.gov](mailto:Rauscher.Jon@epa.gov)>; Rhotenberry, William <[Rhotenberry.William@epa.gov](mailto:Rhotenberry.William@epa.gov)>; Webster, Susan <[webster.susan@epa.gov](mailto:webster.susan@epa.gov)>; Phillips, Pam <[phillips.pam@epa.gov](mailto:phillips.pam@epa.gov)>; Idsal, Anne <[idsal.anne@epa.gov](mailto:idsal.anne@epa.gov)>; Chancellor, Erin <[chancellor.erin@epa.gov](mailto:chancellor.erin@epa.gov)>; Bokun, Lisa <[Bokun.Lisa@epa.gov](mailto:Bokun.Lisa@epa.gov)>; Martindale, Cary <[martindale.cary@epa.gov](mailto:martindale.cary@epa.gov)>; Loesel, Matthew <[loesel.matthew@epa.gov](mailto:loesel.matthew@epa.gov)>; Crossland, Ronnie <[Crossland.Ronnie@epa.gov](mailto:Crossland.Ronnie@epa.gov)>  
**Subject:** RE: Trafalgar Road Fire (aka Stump Dump Fire)

Let's make certain that Thabet is also available to ADEQ and not just internal discussions with our team. Please set up a conference call with them as soon as possible. Let me know so Anne and I can update the Senator. We need Thabet to make plans to visit the site, not just consult over the phone.

---

**From:** Smith, Monica  
**Sent:** Friday, December 7, 2018 11:11 AM  
**To:** Gray, David <[gray.david@epa.gov](mailto:gray.david@epa.gov)>; Edlund, Carl <[edlund.carl@epa.gov](mailto:edlund.carl@epa.gov)>; Rauscher, Jon <[Rauscher.Jon@epa.gov](mailto:Rauscher.Jon@epa.gov)>; Rhotenberry, William <[Rhotenberry.William@epa.gov](mailto:Rhotenberry.William@epa.gov)>; Webster, Susan <[webster.susan@epa.gov](mailto:webster.susan@epa.gov)>; Phillips, Pam <[phillips.pam@epa.gov](mailto:phillips.pam@epa.gov)>; Idsal, Anne <[idsal.anne@epa.gov](mailto:idsal.anne@epa.gov)>; Chancellor, Erin <[chancellor.erin@epa.gov](mailto:chancellor.erin@epa.gov)>; Bokun, Lisa <[Bokun.Lisa@epa.gov](mailto:Bokun.Lisa@epa.gov)>; Martindale, Cary <[martindale.cary@epa.gov](mailto:martindale.cary@epa.gov)>; Loesel, Matthew <[loesel.matthew@epa.gov](mailto:loesel.matthew@epa.gov)>; Crossland, Ronnie <[Crossland.Ronnie@epa.gov](mailto:Crossland.Ronnie@epa.gov)>  
**Subject:** RE: Trafalgar Road Fire (aka Stump Dump Fire)

David – Matt Loesel was able to discuss the site with ORD's Landfill expert, Thabet Tolaymat. Thabet is willing to assist Region 6 and if needed visit the site. He has been with ORD for 15 years and has worked with Region 7 on the Westlake fire and several landfill fires in Ohio.

Jon Rauscher is working on additional revisions this morning. He hopes to have it ready later today. We will forward it to you as soon as it is done.

Monica

Monica Smith  
Chief,

Planning, Prevention, Readiness & Response Section ( 6SF-EA)  
214-665-6780 office  
469-766-3398 cell  
[smith.monica@epa.gov](mailto:smith.monica@epa.gov)

---

**From:** Gray, David

**Sent:** Friday, December 7, 2018 9:25 AM

**To:** Edlund, Carl <[edlund.carl@epa.gov](mailto:edlund.carl@epa.gov)>; Rauscher, Jon <[Rauscher.Jon@epa.gov](mailto:Rauscher.Jon@epa.gov)>; Rhotenberry, William <[Rhotenberry.William@epa.gov](mailto:Rhotenberry.William@epa.gov)>; Webster, Susan <[webster.susan@epa.gov](mailto:webster.susan@epa.gov)>; Phillips, Pam <[phillips.pam@epa.gov](mailto:phillips.pam@epa.gov)>; Idsal, Anne <[idsal.anne@epa.gov](mailto:idsal.anne@epa.gov)>; Chancellor, Erin <[chancellor.erin@epa.gov](mailto:chancellor.erin@epa.gov)>; Bokun, Lisa <[Bokun.Lisa@epa.gov](mailto:Bokun.Lisa@epa.gov)>; Martindale, Cary <[martindale.cary@epa.gov](mailto:martindale.cary@epa.gov)>; Loesel, Matthew <[loesel.matthew@epa.gov](mailto:loesel.matthew@epa.gov)>; Crossland, Ronnie <[Crossland.Ronnie@epa.gov](mailto:Crossland.Ronnie@epa.gov)>; Smith, Monica <[smith.monica@epa.gov](mailto:smith.monica@epa.gov)>

**Subject:** Trafalgar Road Fire (aka Stump Dump Fire)

Quick follow up. Can I see the latest version of our data letter to the state? Also, please send an update on our progress to obtain a landfill fire expert.

David

---

**From:** Edlund, Carl

**Sent:** Tuesday, December 4, 2018 7:43 PM

**To:** Gray, David <[gray.david@epa.gov](mailto:gray.david@epa.gov)>

**Cc:** Rauscher, Jon <[Rauscher.Jon@epa.gov](mailto:Rauscher.Jon@epa.gov)>; Rhotenberry, William <[Rhotenberry.William@epa.gov](mailto:Rhotenberry.William@epa.gov)>; Webster, Susan <[webster.susan@epa.gov](mailto:webster.susan@epa.gov)>; Phillips, Pam <[phillips.pam@epa.gov](mailto:phillips.pam@epa.gov)>; Idsal, Anne <[idsal.anne@epa.gov](mailto:idsal.anne@epa.gov)>; Chancellor, Erin <[chancellor.erin@epa.gov](mailto:chancellor.erin@epa.gov)>; Bokun, Lisa <[Bokun.Lisa@epa.gov](mailto:Bokun.Lisa@epa.gov)>; Martindale, Cary <[martindale.cary@epa.gov](mailto:martindale.cary@epa.gov)>; Loesel, Matthew <[loesel.matthew@epa.gov](mailto:loesel.matthew@epa.gov)>; Crossland, Ronnie <[Crossland.Ronnie@epa.gov](mailto:Crossland.Ronnie@epa.gov)>; Smith, Monica <[smith.monica@epa.gov](mailto:smith.monica@epa.gov)>

**Subject:** Re: EPA - Communication Summary 12/4/18

THANKS! This is much better..thanks to all that helped craft it. We should start to think about how we will present the next results

Sent from my iPad

On Dec 4, 2018, at 6:36 PM, Gray, David <[gray.david@epa.gov](mailto:gray.david@epa.gov)> wrote:

I am good with this version - others?

Sent from my iPhone

On Dec 4, 2018, at 6:09 PM, Rauscher, Jon <[Rauscher.Jon@epa.gov](mailto:Rauscher.Jon@epa.gov)> wrote:

Sent from my iPhone

On Dec 4, 2018, at 5:59 PM, Gray, David <[gray.david@epa.gov](mailto:gray.david@epa.gov)> wrote:

Please read this version and check the math.  
David

Your math is correct. Suggest shortening discussion of brief exposure.

None of EPA's air samples showed elevated concentrations of chemicals of concern in the community. In support of ADEQ, EPA collected 24-hour air samples from 5 locations in the community around the Brown Tree Service property on October 1 and November 10. EPA tested for hundreds chemicals associated with landfill fires potentially containing construction debris, household waste or tires.

In addition to the community samples, EPA collected samples from 1 location within the Brown Tree Service property, and on November 10 found a Benzene concentration of 0.03 part-per-million (ppm).

Brief exposure (5-10 minutes) to very high levels of benzene in the air (10,000 – 20,000 ppm) can result in death, according to the Agency for Toxic Substances and Disease Registry. Lower levels (700 to 3,000 ppm) can cause drowsiness, dizziness, rapid heart rate, headaches, tremor, confusion and unconsciousness. In most cases, people will stop feeling these effects when they are no longer exposed and begin to breathe fresh air.

EPA agreed to collect additional air samples, including particulates, in all locations next week. This data will help scientists and decision-makers better determine if the stump dump contains dangerous chemicals. EPA sampling is scheduled to begin on Monday, December 10 and will include three days of sampling. Quality assured sampling data is expected to be received by EPA on December 21, 2018 and will be shared as soon as possible.

EPA agreed to secure an experienced fire expert to advise the state and community regarding the properties of the current fire and recommendations on preferred options to extinguish the underground fire quickly and with the lowest

possible environmental and public health consequences.

EPA agreed to provide scientific expertise to assist ADEQ in determining which benzene-sensing technology is available should the state decide an early warning detection system is needed.